As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

GENES FOR THE BIOSYNTHESIS OF EPOTHILONES the specification of which was filed on June 17, 1999 as U.S. Application No. **09/335,409**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge my duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any PCT international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

None

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

 Application No.
 Filing Date

 60/155,183
 June 18, 1998

 60/101,631
 September 24, 1998

 60/118,906
 February 5, 1999

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the

claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

None

I hereby appoint the attorneys and agents associated with Customer No. 22847, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications to Larry W. Stults, Novartis Corporation, Patent Department, P.O. Box 12257, Research Triangle Park, NC 27709-2257.

•			
FIRST JOINT INVENT	OR:	•	
	Full name	:	Thomas Schupp
	Signature	:	Thomas Silings
	Date	•	Odobe 22, 1999
			(MM/DD/YY)
	Citizenship	:	Switzerland
	Residence	:	Mohlin, Switzerland
	P.O. Address	:	Froschmattweg 5 Mohlin 4313 Switzerland
SECOND JOINT INVE	ENTOR:		
	Full name	:	James Madison Ligon
	Signature	:	
	Date	:	
			(MM/DD/YY
	Citizenship	:	United States of America
	Residence	:	Apex, North Carolina
	P.O. Address	•	3616 South Point Drive Apex, North Carolina 27502
THIRD JOINT INVEN	ITOR:		
	Full name	:	Istvan Molnar
	Signature	:	

Date

Citizenship

Hungary

(MM/DD/YY)

Residence

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P.O. Address

905 Starling Lane

Durham, North Carolina 27713

FOURTH JOINT INVENTOR:

Full name

Ross Zirkle

Signature

Date

(MM/DD/YY)

Citizenship

United States of America

Residence

Raleigh, North Carolina

P.O. Address

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Raleigh, North Carolina 27612

FIFTH JOINT INVENTOR:

Full name

Devon Dawn Cyr

Signature

(MM/DD/YY)

Citizenship

Date

United States of America

Residence

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SIXTH JOINT INVENTOR:

Full name

Jörn Görlach

Signature

Date : (MM/DD/YY)

Citizenship : Germany

Residence : Durham, North Carolina

P.O. Address : 3907 King Charles Road

Durham, North Carolina 27707

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FIRST JOIN	INV	/EN	TOR:
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Thomas Schupp Full name

Signature

Date (MM/DD/YY)

Switzerland Citizenship

Mohlin, Switzerland Residence

Froschmattweg 5 P.O. Address

Mohlin 4313 Switzerland

SECOND JOINT INVENTOR:

Signature

James Madison Ligon Full name

Date

Citizenship United States of America

Residence Apex, North Carolina

3616 South Point Drive P.O. Address Apex, North Carolina 27502

THIRD JOINT INVENTOR:

Istvan Molnar Full name

Signature

Date (MM/DD/YY)

Citizenship Hungary

Durham, North Carolina Residence

905 Starling Lane P.O. Address

Durham, North Carolina 27713

FOURTH JOINT INVENTOR:				
	Full name	:	Ross Zirkle	
	Signature	:	m Jue	
	Date	:	11/4/99 (MM/DD/YY)	
	Citizenship	:	United States of America	
	Residence	:	Raleigh, North Carolina	
	P.O. Address	:	6532 Wynbrook Way Raleigh, North Carolina 27612	
FIFTH JOINT INVENTO	OR:			
	Full name	:	Devon Dawn Cyr	
	Signature	:		
	Date	:	(MM/DD/YY)	
	Citizenship	:	United States of America	
	Residence	:	Fuquay-Varina, North Carolina	
	P.O. Address	:	413 Vuncannon Drive Fuquay-Varina, North Carolina 27526	
SIXTH JOINT INVENT	OR:			
	Full name	:	Jörn Görlach	
	Signature	:		
	Date	:	(MM/DD/YY)	
	Citizonchin		·	
	Citizenship Residence	•	Germany Durham, North Carolina	
	P.O. Address		3907 King Charles Road	
	L'O' Vanices	•	Durham, North Carolina 27707	

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FIRST JOINT INVENT	OR:		
	Full name	:	Thomas Schupp
	Signature	:	
	Date		
	Date	•	(MM/DD/YY)
	Citizenship	:	Switzerland
	Residence	:	Mohlin, Switzerland
	P.O. Address	:	Froschmattweg 5 Mohlin 4313 Switzerland
SECOND JOINT INVE	NTOR:		
	Full name	:	James Madison Ligon
	Signature	:	
	Date	:	
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	Citizenship	:	United States of America
	Residence	:	Apex, North Carolina
	P.O. Address	:	3616 South Point Drive Apex, North Carolina 27502
THIRD JOINT INVENT	OR:		
	Full name	:	Istvan Molnar
•	Signature	:	
	J		
	Date	:	
	0''' 1.		(MM/DD/YY)
	Citizenship	:	Hungary
	Residence	:	Durham, North Carolina
	P.O. Address	:	905 Starling Lane Durham, North Carolina 27713

FOURTH JOINT INVEN	NTOR:		
	Full name	:	Ross Zirkle
	Signature	*	
	Date	:	(MM/DD/YY)
	Citizenship		United States of America
	Residence	•	Raleigh, North Carolina
	P.O. Address	:	6532 Wynbrook Way Raleigh, North Carolina 27612
FIFTH JOINT INVENT	OR:		
	Full name	:	Devon Dawn Cyr
	Signature	:	Deven 1. Con
	Date	:	10/26/99 (MM/DD/YY)
	Citizenship	:	United States of America
	Residence	:	Fuquay-Varina, North Carolina
	P.O. Address	:	413 Vuncannon Drive Fuquay-Varina, North Carolina 27526
SIXTH JOINT INVENT	ΓOR:		
	Full name	:	Jörn Görlach
	Signature	:	
	Date	:	(MM/DD/YY)
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	Citizenship	:	Hungary	
	Residence	:	Durham, North Carolina	
	P.O. Address	:	905 Starling Lane	
		-	Durham, North Carolina 27713	

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	Full name	:	Jörn Görlach
	Signature	:	7= HS
	Date	:	10/24/99
	Citizenship	:	(MM/DD/YY) Germany

Durham, North Carolina

3907 King Charles Road Durham, North Carolina 27707

Residence

P.O. Address